

## SIGNIFICANT DISCHARGER APPLICATION FOR NONRESIDENTIAL ESTABLISHMENTS DISCHARGING TO THE WVWA

#### **GENERAL INSTRUCTIONS**:

For your best interest, if there is any part of this form that may be deemed proprietary information, please stamp as such so that proper steps will be taken to keep such information proprietary.

Please complete the attached form and return it to the following address:

Western Virginia Water Authority's Water Pollution Control Plant 1502 Brownlee Ave., SE Roanoke, Virginia 24014-2697

If you should have any questions, please contact the following person:

Janis M. Richardson, Pretreatment Coordinator Phone numbers B (540) 853-1517 or (540) 537-4351 (cell)

### SIGNATORY REQUIREMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the Possibility of fine and imprisonment for knowing violations. "

Name B Authorized Representative
Official Title
 Signature
Signature
Date



#### I. **GENERAL INFORMATION:**

Establishment Name:
Physical Address:
Mailing Address:
City: State <u>VA</u> Zip-Code:
Telephone Number(s):
Authorized person to represent this establishment in official dealings with the Western Virginia Water Authority's Roanoke Regional Water Pollution Control Plan
Name:
Title:
Telephone Number(s):
Alternate person to contact concerning information herein:
Name:
Title:
Telephone Number(s):
Identify the type of business activity conducted (e.g.: auto repair, machine shop, warehousing, electroplating, painting, food processing/packaging, retailing, restaurant, etc.):
shop, warehousing, electroplating, painting, food processing/packaging,



		Avg. Gais per Day	Estimated	Measured
1.	<ul><li>Domestic wastes (restrooms, employee showers, etc.)</li></ul>	pe. Duy		
2.				
3.				
4.	☐ Cooling water, contact			
5.	☐ Process water			
6.	Equipment/Facility washdown			
7.	☐ Air Pollution Control Unit			
8.	Storm water runoff to sewer			
9.	Other:			
	Total gallons	::		
Н.	This Business Establishment discharges wastes to (check all t	that apply):		
		Avg. Gals	Estimated	Measured
1.	Sanitary Sewer	per Day		
2.			H	H
3.			ä	H
4.			Ī	ī
5.		-		
6.	Evaporation	-		
7.	☐ Other			
	Total gallons	:		
	I. Is a Spill Prevention Control Countermeasure Plan prepar Establishment?	ed for this Busir	iess	
	☐ Yes ☐ No			
	If <b>yes</b> , then please enclose a copy of your Spill Preventio Countermeasure Plan when returning this form.	on Control		
II.	Facility Operation Characteristics			
	A. Total number of employees:			
	B. Total number of shifts:			
	C. Starting times of each shift:			
	1 st; 2 nd; 3 rd; 4 th	; 5 <sup>th</sup>		

Phone: (540) 853-1517



# NOTE: The following information must be completed for each product line.

]	D. Principal product(s) produced:	
E.	Raw materials and process additives used:	
_		
F.	Production process is:	
	☐ Batch ☐ Continuous ☐ Both	
	If Both, then:% Batch and% Continuous	
G.	Hours of Operation to	
Н.	Is the production of this product line subject to seasonal variation?  Yes No	
	aw materials and process additives used:    Goduction process is:   Goduction	
I.	Are any process changes or expansions planned during the next three years?	
	If yes, then attach a separate sheet to this form describing the nature of planned changes or expansions	

NOTE: you may wish to stamp this **CONFIDENTIAL**).

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## III. Wastewater Information:

Phone: (540) 853-1517

A. Does your Business Establishment employ processes in any of the industrial Categories or business activities listed below? Please check:

Organic Chemicals Plastics, & Synthetic Fiber	Grain Mills
Inorganic Chemicals	Canned & Preserved Fruits & Vegetables Processing
Soap & Detergent Manufacturing	Canned & Preserved Seafood Processing
Fertilizer Manufacturing	Sugar Processing
Petroleum Refining	Textile Mills
Iron & Steel Manufacturing	Cement Manufacturing
Nonferrous Metals Manufacturing	Feedlots
Steam Electric Power Generation	Phosphate Manufacturing
Ferroalloy Manufacturing	Meat Products Processing
Leather Tanning & Finishing	Coal Mining
Glass Manufacturing	Oil & Gas Extraction
Asbestos Manufacturing	Mineral Mining & Processing
Rubber Manufacturing	Ore Mining & Dressing
Timber Products Processing	Paving & Roofing Materials(tars and asphalt)
Pulp, Paper, & Paperboard Processing	Gum & Wood Chemicals Manufacturing
Builder's Paper & Board Mills	Pesticide Chemicals
Metal Finishing	Explosives Manufacturing
Pharmaceutical Manufacturing	Centralized Waste Treatment
Paint Formulating	Carbon Black Manufacturing
Ink Formulating	Landfills
Battery Manufacturing	Photographic
Metal Molding & Casting	Transportation Equipment Cleaning
Coil Coating	Hospital
Porcelain Enameling	Petroleum Refining
Aluminum	Plastics Molding & Forming
Copper Forming	Waste Combustors
Electrical & Electronic Components	
Nonferrous Metals Forming	



B. If there have been analyses performed on the wastewater discharge(s) from your business establishment, then attach a copy of the most recent data/results to this questionnaire. Be sure to include the dates of sampling and analysis, along with descriptive explanation(s) of sampling location(s) (sketches or marked plans will suffice).

## IV. WASTEWATER QUALITY CHARACTERIZATION:

Indicate by placing an **X** in the appropriate box by each listed parameter whether it is suspected to be **Absent**, **Known to be Absent**, **Suspected to be Present**, or **Known to be Present** in the wastestreams(s). Provide chemical analyses if available (specify units). Attach additional sheets if necessary (one set for each wastestream).

	Parameter	Known Present	Suspected Present	Known Absent	Suspected Absent	Concentration	SIC Code
1	Bromide						
	Chlorine, Total	_	_	_	_		
2	Residual						
3	Color						
4	Fecal Coliform						
5	Fluoride						
6	Nitrate-Nitrite (as N)						
7	Oil and Grease						
8	Phosphorus, Total(as P)						
9	Radioactivity:						
	a. Alpha, Total						
	b. Beta, Total						
	c. Radium, Total						
	d. Radium 226,						
	Total						
10	Sulfate (as SO4)						
11	Sulfite (as SO3)						
12	Surfactants						
13	Aluminum, Total						
14	Barium, Total						
15	Boron, Total						
16	Cobalt, Total						
17	Iron, Total						
18	Magnesium, Total						
19	Molybdenum, Total						
20	Manganese, Total						
21	Tin, Total						
22	Titanium, Total						
23	Algaecides						
24	Ammonia						



		Known	Suspected	Known	Suspected	_	SIC
	Parameter Biochemical Oxygen	Present	Present	Absent	Absent	Concentration	Code
25	Demand (BOD5)						
26	Calcium						
	Chemical Oxygen						
27	Demand (COD)	片	H		H		
28	Chloride						
29	Dyes (organic)*						
30	Dyes (inorganic)						
31	Organic Nitrogen						
32	pH (standard units)						
33	Potassium						
34	Sodium						
35	Total Suspended Solids						
2.0	Turbidity (Jackson						
36 37	Units) Others**	H	H	H	H		
57	Others	_	_		_		
В. <u>Г</u>	** Other waste Substance						
	1. Metals and Inorga	nic (Total):					
1	Antimony						
2	Arsenic						
3	Asbestos						
4	Beryllium					-	_
5	Cadmium						
6	Chromium						
7	Copper						
8	Cyanide						
9	Lead						
10	Mercury	Ĺ					
11	Nickel						
12	Selenium	L	_				
13	Silver	L	-				_
14	Thallium	L	-				
15	Zinc	L		Ш	$\Box$		

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# 2. Phenols and Cresols:

	Parameter	Known <u>Present</u>	Suspected <u>Present</u>	Known <u>Absent</u>	Suspected <u>Absent</u>	Concentration	SIC Code
16	Phenol(s)						
17	2-chloro						
18	Phenol, 2, 4-dichloro						
19	Phenol, 2, 4, 6-trichloro						
20	Phenol, pentachloro						
21	Phenol, 2-nitro						
22	Phenol, 4-nitro						
23	Phenol,2, 4-dinitro						
24	Phenol,2, 4-dimethly						
25	m-Cresol, p-chloro						
26	o-Cresol,4, 6-dinitro						
	3. M <u>onocyclic</u>	Aromatics	(Excluding Ph	nenols, Cre	esols and Pht	<u>halates)</u> :	
27	Benzene		П	П	П		
28	Benzene, chloro						
29	Benzene,1,2-dichloro						
30 31	Benzene,1,3-dichloro Benzene,1,4-dichloro	$\vdash$	H	H	H	<del></del>	
31	Benzene,1,2,4-	Ш	Ш	Ш	Ш		
32	trichloro						
33	Benzene, hexachloro	$\vdash$	$\vdash$	님	$\sqcup$		
34 35	Benzene, ethyl Benzene, nitro	H	H	H	H		
36	Toluene						
37	Toluene,2,4-dinitro						
38	Toluene,2,6-dinitro	Ш	Ш	Ш	Ш		
	4. PCBs & Related Co	mpounds:					
39	PCB-1016	П	П	П	П		
	PCB-1221						
41	PCB-1232						
	PCB-1242						
43	PCB-1248						
44	PCB-1254						
45	PCB-1260						
46	2-Chloronaphthalene						



# 5. Ethers

47	Parameter  Ether his (obleromethyl)	Known Present	Suspected Present	Known Absent	Suspected Absent	Concentration	SIC CODE
48	Ether, bis- (chloromethyl) Ether, bis- (2-chloroethyl)						
49	Ether, bis-(2- chlorosopropyl)						
50	Ether, bis-(2-chloroethyl vinyl)						
51	Ether, 4-bromophenyl phenyl						
52	Ether, 4-chloropheny phenyl						
53	Bis (2-chloroethoxy) methane						
	6. Nitrosamines and (	Other Nitro	ogen-Containi	na Compo	unds:		
	o. <u>Mitrosammes and v</u>	other with	gen-containi	<u>ng Compo</u>	ulius.		
54 55 56 57 58	Nitrosamine, dimethyl Nitrosamine, diphenyl Nitrosamine, di-n-propyl Benzidine Benzidine, 3, 3=-dichloro						
59 60	Hydrazine, 1, 2-diphenyl Acrylonitrile						
	7. <u>Halogenate</u>	d Aliphatic	<u>s</u>				
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	Bethane, bramo- Methane, chloro- Methane, dichloro Methane, chlorodibromo Methane, dichlorobromo Methane, tribromo Methane, trichloro Methane, tetrachloro Methane, trichlorofluoro Methane, dichlorofuoro Ethane, 1,1-dichloro Ethane, 1,2-dichloro Ethane, 1,1,1-trichloro Ethane, 1,1,2-trichloro Ethane, 1,1,2-trichloro Ethane, 1,1,2,1-tetrachloro Ethane, hexachloro Ethene, chloro						



78 79 80 81 82 83 84	Parameter Ethene, 1, 1-dichloro Ethene, trans-dichloro Ethene, trichloro Ethene, tetrachloro Propane 1,2-dichloro Propene, 2,4-dichloro Butadiene, hexachloro Cyclopentadiene, hexachloro	Known Present	Suspected Present	Known Absent	Suspected Absent	Concentration	SIC CODE
	8. Phthalate Es	ters					
86 87 88 89 90	Phthalate, di-c-methyl Phathalate, di-n-ethyl Phthalate, di-n-butyl Phthalate di-n-octyl Phthalate, bis (2-ylehexyl) Phthalate, butyl benzyl						
	9. Polycyclic Ar	omatic Hy	<u>drocarbons</u>				
92 93 94	Acenaphthene Acenaphthylene Anthracene Benzo (a)						
95 96	anthracene Benzo (b) fluoranthene						
97 98 99 100	Benzo (k) fluoranthene Benzo (ghi) perylene Benzo (a) pyrene Chrysene						
101 102	Dibenzo (a,n,) anthracene Fluoranthene						
103	Fluorene Indeno (1,2,3- cd)pyrene						
<ul><li>105</li><li>106</li><li>107</li></ul>	Naphthalene Phenanthrene Pyrene						

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	Parameter	Known Present	Suspected Present	Known Absent	Suspected Absent	Concentration	SIC CODE
108	Acrolein						
109	Aldrin						
110	BHC (Alpha						
111	BHC (Beta BHC (gamma) or						
112	Lindane						
113	BHC (Delta)						
114	Chlordane						
115	DDD						
116	DDE						
117	DDT						
118	Dieldrin						
119	Endosulfan (Alpha)						
120	Endosulfan (Beta)						
121	Endosufan Sulfate						
122	Endrin						
123	Endrin aldehyde						
124	Heptachlor						
125	Heptachlor eposide						
126	Isopharone						
127	TCDD (or Dioxin)						
128	Toxaphene						
	C. <u>Hazardous Su</u>	bstances Ir	nformation:				
1	Acetaldehyde		П		П		
2	Allyl alcohol						
	Allyl chloride						
	Amyl acetate						
5	Aniline						
6	Benzonitrile						
7	Benzyl chloride						
8	Butyl acetate						
9	Butylamine						
10	Captan						
11	Carbaryl						
12	Carbofuran						
13	Carbon disulfide						
14	Chlorpyfrifos						
15	Coumaphos						



	Parameter	Known Present	Suspected Present	Known Absent	Suspected Absent	Concentration	SIC Code
16	Cresol						
17	Crotonaldehyde						
18	Cyclohexane 2, 4-d (2,4-dichlor-						
19	ophenoxy acetic acid						
20	Diazinon						
21	Dicamba						
22	Dichlobenil						
23	Dichlone						
	2, 2- Dichloropropionic						
24	Acid						
25	Dichlorvos						
26	Diethylamine						
27	Dimethylamine						
28	. Dinitrobenzene						
29	Diquat						
30	Disulfoton						
31	Diuron						
32	Epichlorophydrin						
33	Ethanolamine						
34	Ethion						
35	Ethylenediamine						
36	Ethlyenedibramide						
37	Formaldehyde						
38	Furfual						
39	Guthion						
40	Isoprene						
	Isopropanolamine						
41	dodecylbenzene- sulfanate						
42	Kelthane	님	H				
43	Kepone	H	H				
44	Malathion	片					
45	Mercaptodimethur	H				- <del></del> -	
46	Methoxychlor	H					
47	Methylmercaptan					··	
48	Methylmethacrylate	H					
49	Methylparathion						
50	Mevinphos						
51	Mexacarbate						
52	Monoethylamine				$\vdash$		
53	Monomethylamine						
, ,	Monomethylanine	Ш	Ш		Ш		



	Parameter	Known Present	Suspected Present	Known Absent	Suspected Absent	Concentration	SIC Code
54	Naled						
55	Napthenic Acid						
56	Nitrotoluene						
57	Parathion						
58	Phenolsulfanate						
59	Phosgene						
60	Propargite	$\sqcup$			$\sqcup$		
61	Propylene oxide	님	片	H	님		
62 63	Pyrethrins Quinoline	H	$\vdash$	H	$\vdash$		
64	Resorcinol	H	H	H	H		
65	Strontium	H	H	H	H		
66	Strychnine	H	H		H		
67	Stryene	Ħ	П	Ħ	Ħ		
	2,4,5-T (2,4,5-	_	_	<u>—</u>	<del>_</del>		
	Trichloro-						
68	phenoxy acetic acid						
	TDE (Tetrachloro-						
69	dyphenylethane)	Ш					
	2,4,5-TP [2-(2,4,5						
	Trich- lorophenoxy)						
70	(propanoic acid)]						
71	Trichlorofan	H	H		H		
72	Triethylamine	Ħ	Ħ	Ħ	Ħ		
73	Trimethylamine						
74	Uranium						
75	Vanadium						
76	Xylene	Ц	Ц		Ц		
77	Xylenol	님	$\vdash$	$\vdash$	$\sqcup$		
78 79	Zirconium Other*	$\mathbb{H}$	$\vdash$	$\vdash$	$\vdash$		
79	Other"	Ш	Ш		Ш		

Material listed in 40 CFR Part 116 (Designation of Hazardous Substances) known to be present.

## V. OTHER WASTES:

A. Are any liquid wastes or sludge's from your Business Establishment disposed of by means other than by discharge to the sanitary sewer?

□ Yes □ No

If "yes", then complete the next two sections; if "no", then STOP here.



B. These wastes may best be described as:

		Approximate Gals.				
		or				
		Pounds per Day				
	Acids & Alkali's (Bases)					
	Heavy Metal Sludge's	<u> </u>				
	Inks / Dyes					
一	Oil and/or Grease					
一声	Organic Compounds					
H	Paints					
	Pesticides	<del></del>				
	Plating Wastes					
믬	Pretreatment Sludge's					
$\Box$	Solvents / Thinners	<u> </u>				
	Other Hazardous Wastes:					
	(Specify)					
		····				
	Other Wastes:					
	(Specify)					
	<del></del>					
	•••_					
C.	For the above checked wastes, does your Business Establishment practice:  On-site storage Off-site storage On-site disposal Off-site disposal?					
	Briefly describe the method(s) of storage or disposal checked above:					

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